

## Abstract

A coffee roaster and a method for roasting beans are disclosed. The coffee roaster comprises a chamber for containing beans, a temperature adjusting means for heating or  
5 cooling the beans and the chamber, a temperature measuring means located within the chamber for measuring a beans' temperature and a chamber's temperature, and a controller. The controller calculates a first beans' temperature and a first maintain time based on the weight and a type of raw beans. The controller also controls the temperature adjusting means in order to maintain the chamber temperature as a first chamber temperature during a first  
10 maintain time when the beans' temperature reaches the first beans' temperature, and in order to continuously heat the beans during a roasting process.